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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

APRIL 1949

✓	ROGERS	
✓	JOHNSTON	
✓	JOPPE	
✓	ANDERSON	
	STANTON	
✓	[illegible]	
✓	[illegible]	
✓	[illegible]	
✓	CONDON	
✓	SKIN[illegible]	
✓	EVANS	
✓	CHAPMAN	
✓	KILLAM	
✓	WOHLERANDT	
	ROBINSON	
	WIGGINS	
	SEASHOLTZ	

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NEWTON B. DRURY,
Director.

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

Summary of the April 1949 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Mild. Maximum 65°, Minimum 8°, near average. 0.76" precipitation.	1
SPECIAL ACTIVITIES:	Rogers, Johnston and Skinner trips to Bozeman. Condon and Mattson to Custer B.M.M. Johnston and Seasholtz to Billings re. Custer telephone line. Joffe to Washington D. C. Personnel Conference. Rogers & Johnston to Billings Commercial Club; Rogers on to Cody, Casper and Custer.	1
	Kittams military & annual leave. Judge Wilcox annual leave. School Board. Fishing & Boating Regulations approved. CAF-1-4 exam. Robinson to Ogden for surplus equipment. Staff meetings. West Entrance opened. Upper Gallatin Conservation Committee meeting.	2
INSPECTIONS:	Robinson & Cummings, F&WL Service, on coyote study. Maynard Barrows in. Lester S. Mann, USGS, in. E. W. Cyrus, CAA, in re. proposed beacon.	2
IN-SERVICE TRAINING:	Safety training outline prepared. Ranger conference. Information literature sent seasonal naturalists. Weekly News.	3
PUBLICITY:	Press release on opening dates. 45,800 broadsides.	3
PLANS, MAPS AND SURVEYS:	Work on plans for South Entrance Widening and Custer Museum. West Thumb proposed campground map. Individual building reports. Lists for signs at Canyon & Norris. Work on trail system plan.	3
MAINTENANCE:	Snow plowing; conditions favorable. Some roads broken open and West officially opened. Two maintenance crews organized. Considerable repairs to road break at Gallatin. Rock slides cleaned.	3
NEW CONSTRUCTION:	Heating system at school building. Last of wooden walks being placed.	4

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Independence National Park
Philadelphia, Pennsylvania

Office of the Superintendent

Memory of the world I'll carefully preserve thee in
Independence Hall, Philadelphia.

[illegible] 1776, Jefferson [illegible], Adams [illegible], John Hancock,
[illegible] Franklin.

[illegible] Congress, [illegible] was [illegible] 1776 to [illegible]
[illegible] the [illegible] in [illegible] Hall. [illegible]
[illegible] to [illegible] Independence Hall
[illegible] in Philadelphia. [illegible] National [illegible]
[illegible], [illegible] [illegible] [illegible]
[illegible] to [illegible] [illegible] [illegible].

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[illegible] Library, [illegible] Library, [illegible] [illegible]
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CONCESSIONERS:	Mr. & Mrs. Haynes, Huntley Child, W. H. Buck visit. Hamilton swimming pool rates approved. Povahs, Helppies & Hamilton crew to O. F. Y. F. Co. construction crew to O. F. Huntley Child moved office to Gardiner.	4
INTERPRETIVE SERVICES:	Condon prepared paper for Montana F.S.U. bulletin. Condon talked to Livingston Kiwanis Club.	4
MUSEUM ACTIVITIES AND EXHIBITS:	Chief Naturalist to Custer NBM re. proposed museum. Inventorying of museum materials. Identification & labeling storage rooms, cupboards, drawers, etc.	5
RESEARCH AND OBSERVATION:	Study of depletion tree coverage along part of Gardiner River. Birds returning. Field trips to O. F.; bison, trumpeter swans; dead elk seen, including 2 in Fountain Paint Pots.	5
	Changes in thermal activity. Board walks planned Angel Terrace & Narrow Gauge areas.	6
NATURAL HISTORY ASSOCIATION:	Copies ordered Marie Augspurger's book on Yellowstone. Supplies ordered. Nature Notes published. Other multilithing projects.	6
INCREASE OR DECREASE IN TRAVEL:	2304 persons in 796 vehicles, gain of 43.5% over last April.	7
RANGER SERVICE:	Chapman & Finch to Fire Conference at Grand Canyon. Alice Murphy eod seasonal Clerk-Steno. Harry V. Reynolds, Park Ranger transferred from Blue Ridge. Skinner to Anaconda conferring with officials other agencies. Gallatin Conservation Committee meeting. Summer Assignments. Kowski & family to O. F.; also Nelson. Harvey Reynolds to Lamar. Protection Div. Conference; Barrows here. Survey winter elk losses, hunting tagged coyotes, building fire hazard inspection, dismantling old elk trap, 1948 traffic accident summary, trail maintenance.	7
	Manual revisions, dismantling buffalo pasture, etc.	8
BUFFALO:	First calf seen 12th. Buffalo remaining in winter range Lamar area.	8
COYOTES:	F&WL Service Biologists in. Collection tagged coyotes.	8
ELK:	Survey of winter losses. Elk in various conditions.	8
FISH PLANTING:	Fish planted in Firehole River.	8
FOREST FIRE PROTECTION:	Finch & Chapman to Grand Canyon Conference.	8

		Page
	Fire Control Aids selected.	9
BLISTER RUST CONTROL:	Sprayers purchased. Personnel selected.	9
TRAILS:	Trail map work done. Foreman & packer needed.	9
BUILDING FIRE PROTECTION:	Finch at Grand Canyon Fire Conference; received building fire training. Building fire training given at Yellowstone Ranger Conference. Annual Building Fire Hazard Inspection completed. Additional extinguishers placed. Building Fire Protection Plan and Personnel Organization List being revised.	9
PERSONNEL:	Harry V. Reynolds, Park Ranger CAF-5, transferred from Blue Ridge Parkway. Appointment Foster R. Freeman, Park Ranger CAF-5, approved. Seasonal personnel, CAF-3, listed.	10
BIRTHS:	Daughter born to Mr. & Mrs. Donald Herne.	10
MARRIAGES:	Agnes Wiggins and Edward Link married.	10
MISCELLANEOUS:	F.E.U. meeting and F.E.U. sponsored dance. Easter Sunrise Services and other church services.	10

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

May 6, 1949.

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of April 1949.

Weather Conditions. Mild weather prevailed during the month. Maximum and minimum temperatures and precipitation varied very little from the averages of the previous five years. The maximum temperature of 65° was the same as for April 1948 and varied one degree from the 66° five year average. The minimum temperature of 8° was close to the 11° of April 1948 and varied two degrees from the 6° five year average. The precipitation of 0.76" was less than the 1.17" recorded in 1948 but was only 0.10" below the five year average of 0.86".

Special Activities. Superintendent Rogers made a trip to Bozeman on 6th to confer with Mr. Haynes on season's operations and to obtain some historical material for legislative history project.

Assistant Superintendent Johnston and Chief Ranger Skinner made trip to Bozeman on 7th with regard to wood-cutting operations.

Park Naturalist Condon and Resident Landscape Architect Mattson went to Custer Battlefield National Monument April 12 in connection with the proposed Custer Museum. They returned the 14th.

Assistant Superintendent Johnston and Chief Electrician Seasholtz made a trip to Billings to discuss the Custer Battlefield National Monument telephone line with Mountain States Telephone and Telegraph Company officials, April 18. On the 19th Mr. Johnston attended a meeting of the Soil Conservation Service on proposed water runoff of the Upper Missouri River Basin.

Administrative Assistant Joffe left April 21 for Washington, D. C. to attend Interior Department Personnel Management Conference, held during week April 25-29. He took part in the program on Panel April 26 in connection with Employee Interests and Problems. After a short period of annual leave he will return to the park early in May.

Superintendent Rogers and Assistant Superintendent Johnston attended the 12th Annual Community Cooperation Dinner of the Billings Commercial Club on April 28. Mr. Rogers continued to Cody to see Mayor Fish regarding Shoshone Caverns National Monument and to Casper to confer with Superintendent McLaughlin of Grand Teton and to Custer Battlefield N. M. to make routine inspection of the area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

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Following is the report of activity on the Yellowstone National Park during the month of April, 1941.

Trailing conditions. Mild weather prevailed during the month. Snowfall and drifting snow continued and prevailed [illegible] every trails from the [illegible] of the previous [illegible] year. The snowfall [illegible] 47" for the month as for the month 1940 and varied one [illegible] from [illegible]. The trailing conditions [illegible] 47" was taken by the 31st of April. [illegible] the depths from the 8th of the month onward. The [illegible] of [illegible] was the 17th [illegible] 12" [illegible] 4" [illegible] average of [illegible].

Special activities. [illegible] work [illegible] to [illegible] the [illegible] of [illegible] operations and by [illegible] [illegible] material for [illegible] [illegible].

Lastly, [illegible] the [illegible] [illegible] [illegible] on the [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [

Park Biologist Kittams was on military leave April 4 to 16, inclusive, and on annual leave through April 22.

Judge T. Paul Wilcox, U. S. Commissioner, started on annual leave April 21. He will visit in Seattle and return to the park about May 23.

On April 8 Superintendent Rogers reappointed Verde Watson as Chairman of the Yellowstone Park School Board. His term expired this year. The other members of the Board are Mrs. Elmer Armstrong, Secretary-Treasurer and Mrs. Beate T. White, whose terms expire in one and two years, respectively.

The 1949 Fishing and Boating Regulations for Yellowstone National Park were approved by the Secretary on April 20.

The Local Civil Service Board held an examination on April 30 for Clerk CAF-1 - CAF-4 for five competitors. Personnel Clerk Proper, a member of the Board, conducted the examination.

Master Mechanic Robinson left on the 28th for Ogden, Utah, to pick up war surplus property and telephone equipment, returning on the 30th.

Staff meetings for all division heads were held in the Superintendent's Office on April 5, 20 and 26.

The road from Mammoth to the West Entrance and Old Faithful was officially opened to travel the morning of April 30.

A meeting of the Upper Gallatin Conservation Committee, held at the Cinnamon Ranger Station April 30 and May 1, was attended by Park Biologist Kittams, Chief Ranger Skinner, and District Rangers Jacobson and Coleman.

Inspections. Weldon B. Robinson, Biologist, Fish and Wildlife Service, Denver, Colorado, and his assistant, Maynard Cummings, arrived in park April 8 to continue study on coyote migrations and departed April 21.

Maynard Barrows, Forester, Region Two, arrived in the park on 11th to attend and participate in the ranger conference and discuss forestry matters, departing on the 21st.

Lester S. Mann, Topographic Engineer, Denver Federal Center, Denver, Colorado, U. S. Geological Service visited Superintendent's office April 27 regarding field completion on Missouri River Basin topographic map and working on Gallatin Drainage.

E. W. Cyrus, Civil Engineer, Civil Aeronautics Administration, Seattle, entered park April 28 and discussed with Chief Ranger Skinner possibility of erecting airway beacon in vicinity of Indian Creek Campground.

Yellowstone Park, Wyoming

In-Service Training. A 43-page training outline in all phases of safety was prepared, including mimeographing, and are ready for distribution. Preparations have been made for carrying out the In-Service Training program in Yellowstone this season.

The Protection Division Conference at Mammoth April 12 - 15, included general ranger subjects, building fire inspection and suppression, and forest fire problems.

Park Naturalist Condon talked to the rangers at the Conference on the Naturalist Division and its functions and reviewed for them the proposed program for the coming season. The Naturalist Division sent out training manuals, the Haynes Guide Book and other literature to all seasonal naturalist personnel to be employed this season, encouraging them to study this material.

The regular Weekly News Letter for the benefit and information of the employees was published each week.

Publicity. A press release was prepared on the anticipated opening dates of roads and various operations in the park for the 1949 season and mailed April 20 to all on our publicity mailing list.

A total of 45,000 Yellowstone broadsides for 1947 remained on hand at the end of the month.

Plans, Maps, and Surveys. A revised plan was prepared for the South Entrance Road Widening, YNL-2352. Preliminary master plans for the museum area at Custer were prepared, CUS-2007-C and CUS-5550 (supplement). A road alignment map was prepared for the proposed new campground at West Thumb. Work was done on the preparation of individual building reports. Lists were prepared for the Canyon area signs and road wye signs for Norris. The Yellowstone Trail System plan has just been started and at the scale of the base map it looks very complicated.

Maintenance. Spring snow plowing operations got underway early in the month, using our regular forces. At first it seemed that the snow depths would be unusually great and the plowing very difficult; however, the entire month was unseasonally warm with very little fresh snow. The snow has become rotten and is melting very rapidly allowing better than expected plowing conditions.

Roads are open to Old Faithful, West Entrance, Canyon and Lake. The road from the West Entrance to Madison, Old Faithful and Mammoth was officially opened to traffic on April 30.

Two maintenance crews were organized during the month; one at Gallatin on April 18 and one at Mammoth on the 25th.

A very serious break has developed in the road surface about one mile south of the Bacon Rind road camp in the Gallatin area. Approximately 400 feet of the road section has developed into a regular quagmire; black,

sticky silt is being pushed up through the light bituminous mat and cars and trucks are getting stuck. There is only one way to fix this section and that is to haul out the silt and replace it with a more stable material. This is being done.

The Mammoth crew is busy removing snow fence and patching. A part of the rock slide at Overhanging Cliff has been cleaned up and the job will be finished in the next day or two. The rock and earth slide in the Gardiner River canyon was removed.

Many of our maintenance men of former years are returning, looking for work, and the labor situation looks very good for all but foreman vacancies.

New Construction. On Account 410, Major Repair and Rehabilitation, Job 201-23, School and Community Building, the installation of the heating system was completed and but a small amount remains of the painting.

On Account 512, Prefabricated Wooden Walks, All material has been used up and the crew is busy placing the last of these walks. The account will be closed in the next few days.

Concessioners. Mr. and Mrs. J. E. Haynes visited the park on April 1. Huntley Child, Manager, Lodges and Camps, Yellowstone Park Company, and Harry F. Byrne, Manager, Yellowstone Park Service Stations, were in the park April 4. R. H. Buck, Assistant Manager of Hotels, Yellowstone Park Company, also visited on that date.

The rates for 1949 were approved for the Hamilton Old Faithful Swimming Pool, April 11.

J. E. Haynes and crew for Haynes, Inc. moved to Mammoth on the 13th.

Huntley Child, of the Yellowstone Park Company Lodges and Camps Division, was in the park from April 15 to 18.

Mr. and Mrs. Trev Povah of Hamilton Stores, Inc., were visitors in the park on the 18th. The Povahs, Helppies and a crew moved in to Old Faithful on the 26th to prepare for opening the Hamilton Stores for the season.

On the 25th the Yellowstone Park construction crew moved to Old Faithful and on the 27th Huntley Child moved his Lodges and Camps office from Helena to Gardiner, Montana.

Interpretive Services. A short paper was prepared by the Chief Park Naturalist for use in the Montana Federal Employees monthly News Bulletin.

On April 19 Chief Park Naturalist Condon presented a talk to the Livingston Kiwanis Club at their annual anniversary banquet. There were 70 persons in attendance.

Museum Activities and Exhibits. The Chief Park Naturalist spent the day of April 13 at the Custer Battlefield National Monument going over the proposed museum site for the museum to be built at that area, and reviewed with Museum Curator Robinson the proposed exhibits which are being planned for installation in this museum. Several suggested exhibits and changes in exhibit planning were made during the discussion and review of this material.

Park Naturalist Alcorn has accomplished a great deal during April on the thorough inventorying of all museum accessioned materials and has been able to segregate materials into like units and bring about a more satisfactory storage of these artifacts. His experience in carrying out this detailed work has revealed several improvements which can be made in the present accessioning and cataloging system and it is anticipated that in the near future when the work has been more thoroughly completed that a memorandum covering possible changes and improvements will be prepared for consideration by the Regional Office and the Director's Office.

One other project completed with respect to the museum has been the identification of all rooms, storage cupboards, drawers, shelves and units with a key legend and the stenciling on each of these units the appropriate label which identifies it. This will facilitate the storage and the locating of storage materials, as well as provide a key by which persons unfamiliar with the building can easily be directed to certain sections of it.

Research and Observation. The Chief Park Naturalist began a study of the influence of various factors on the depletion of the tree cover along the Gardiner River from the junction of Lava Creek to the Yellowstone River. Present indications are that there are no young trees developing anywhere along this stream course and the beaver are rapidly cutting down all mature cottonwoods, Douglas fir and the mature juniper and limber pine are dying, with the eventual possibility of no tree cover along this stream. An attempt is going to be made to find out what some of the determining factors are in this change in vegetative cover.

Two of the interesting bird arrivals to appear during the month were the osprey, who returned to their nest on Eagle's Nest Rock on April 8, and the violet green swallow who first put in their appearance around park headquarters on the 16th.

Two field trips to Old Faithful were made on the 16th and 17th and a number of very interesting observations made. A total of 98 head of bison were seen in the Lower, Midway and Upper Geyser Basins; a pair of trumpeter swan on Nymph Lake and another pair in Willow Park. Dozens of Canadian geese were concentrated along the drainage courses and large numbers of elk, many of them in a very poor condition. On this day 11 dead elk were observed in traveling from Mammoth to Old Faithful. Two of these were in the Fountain Paint Pots in the Lower Geyser Basin, and at the time they were observed were exceedingly odiferous. It is believed that before any appreciable travel through this area they will be completely decomposed and will not present any type of a problem. It would be exceedingly difficult to remove them from the paint pots and in attempting to do so probably more harm would be done than good. Good photographs were secured of this tragedy.

The changes which have taken place in the thermal areas were rather interesting. Evidence indicated that the Fountain Geyser in the Lower Geyser Basin had not erupted for several weeks for the geyser vent was completely grown over with a luxuriant growth of algae and the run-offs from the Fountain Pool contained a heavy algal growth. The Sapphire Pool in Biscuit Basin appeared to be erupting in a little different manner than in previous years. It did not play as high, played for a longer interval and physical evidence around it indicates that this routine has apparently been in effect for some time because there are new water run-off channels with a pronounced algal growth in them which were non-existent at the close of last season.

On a trip to Old Faithful on the 15th the Old Faithful Geyser was seen in eruption three times, the Daisy Geyser once, Riverside Geyser once and the Bee Hive Geyser. Evidence in the vicinity of Rainbow Pool indicates that it has been in an active eruptive phase for the better part of the winter. Just below the inlet road to Biscuit Basin there has developed a rather active spring in the borrow pit on the road side, and some water is draining down the borrow pit while additional water drains through a drainage tile beside the pool.

Several trips were made over the hot spring terraces during the month and as usual the activity at the various springs is unpredictable and varies from time to time. The Blue Spring on the main terrace has been alternately active and dormant and at the close of the month is very active and flooding a considerable area. The Narrow Gauge Terrace is very active and at present has a very beautiful series of terraces and colored algae run-offs. There are five active springs at Angel Terrace, one of them having shifted down near the lower level of the terrace and it has created a spectacular series of basins and a very colorful pattern of brilliant colors.

A suitable site for the installation of board walks so that the greatest protection can be afforded the Angel Terrace and so that it will still provide an inspirational view of them was made by Chief Park Naturalist Condon and Park Engineer Wohlbrandt. A site was selected also at the Narrow Gauge for the installation of these walks and at the close of the month the walks were fully installed and in popular use.

Natural History Association. The Association ordered copies of Marie Augspurger's book Yellowstone National Park which will be carried as a sales item for the park this summer. The Association during the past month has purchased 24 reams of paper for use in publishing Nature Notes, has purchased a quantity of stationery for the Association and a large supply of multilith materials for use in duplicating memoranda, Nature Notes and other work. The Association sent to the Eastman Kodak Company for duplicating, seven copies of each of forty slides. These will be added to the sets made up for each interpretive station. The 16mm sound motion picture projector which was sent away for repairs was returned by the Eastman Kodak Company and the cost of repairs was paid for by the Association. The Yellowstone Park Nature Notes were multilithed and placed in the mail to 335 people. In addition to this multilithing there were several hundred report forms made for Superintendent Rogers and a rather extensive multilithing job done for the Chief Clerk's office and the engineers.

Yellowstone Park, Wyo.

Increase or Decrease in Travel. Mild, warm spring-like weather which prevailed the entire month was conducive for people living in nearby localities to visit the park. A total of 2304 persons in 796 vehicles entered the park during the month as compared with 1301 persons in 613 vehicles for the same period last year. This was a gain of 43.5 percent. A large percentage of travel occurred on weekends. Over three hundred vehicles were registered at the East Entrance checking station that had driven up from Cody to the park entrance. The park road from Gardiner to West Yellowstone and Old Faithful was open for public travel on April 30. The only other park road open for travel during the month was from Gardiner to Cooke and from Tower Falls to 7 miles up the Dunraven Pass road. The park snowplows are making good progress on opening up the remaining interior roads.

Ranger Service. Assistant Chief Rangers Chapman and Finch attended the Fire Control Training Conference at Grand Canyon National Park from April 4 - 8, inclusive. Alice B. Murphy, Clerk-Stenographer, CAF-3, entered on duty on April 5 as Statistical Clerk in the Chief Ranger's Office, and will assist with other routine office duties until the sale of entrance permits commences. Park Ranger Harry V. Reynolds, CAF-5, entered on duty April 9, having transferred from Blue Ridge Parkway. Chief Park Ranger Curtis K. Skinner attended a meeting April 9 and 10 at Anaconda, Montana, to confer with officials of the Fish and Wildlife Service and U. S. Forest Service and Montana Fish and Game Commission to discuss management problems connected with wildlife in Yellowstone National Park. Mr. Skinner accompanied by District Park Rangers Lee L. Coleman and Arthur Jacobson attended a meeting of the Upper Gallatin Conservation Committee on April 30 to discuss management problems relating to the Gallatin elk herd.

The summer assignments for Protection Division Personnel were issued and preparations are being made for moving the rangers to their summer stations as soon as the roads are plowed open and conditions permit. District Ranger Frank Kowski moved to Old Faithful Station on April 25. Park Ranger Dan Nelson, who was also assigned to Old Faithful District, will assist Kowski and is now located at Old Faithful. Acting District Ranger Harvey B. Reynolds has assumed his duties as Acting District Ranger for Lamar District.

The Protection Division Conference and Fire Training School was held at headquarters April 12-15, inclusive. Two days were devoted to general ranger subjects, one day to building fire inspection and suppression and one day was devoted to forest fire problems. It was felt that the conference was very much worth while. Forester Maynard Barrows, from the Region Office, attended and contributed to the conference.

A number of Protection Division personnel spent several days in making a survey of the winter range to determine the winter elk loss and attempting to kill ear tagged coyotes. The coyote control was in cooperation with the Fish and Wildlife Service. The building fire hazard inspection in the Mammoth area was completed during the month. An old elk trap, located near Gardiner, was torn down, removed and the area restored to its natural condition. The 1948 Traffic Accident Summary was completed and forwarded to the Regional and Director's Offices. Trail maintenance work has been started in the Mammoth District where the snow has melted and trail work is possible. Other

Protection Division Activities included preparation of manual revisions for Park Ranger Administrative and Report Manuals, preparation of charts for use at the spring meeting of the Absaroka Conservation Committee, reports and correspondence. Work was started on tearing down the old Antelope Creek buffalo pasture fence. This project is a major one but as much fence as possible will be removed with a limited man-power and time available this spring.

Wildlife and Fish Cultural Activities. BUFFALO. The first buffalo calf observed this year was seen in the Horseshoe area on April 12. Buffalo in the Lamar area remained on the winter range during the entire month although no regular feeding was carried on during the past winter.

COYOTES. During the period of April 9 to 20, inclusive, Biologists Weldon B. Robinson and Maynard Cummings of the Wildlife Research Laboratory, Fish and Wildlife Service, Denver, Colorado, observed 63 untagged coyotes, 19 tagged coyotes and 9 unidentified coyotes in the park. Eleven animals with docked ears were collected but two had lost the tags. Collections were made in the spring to determine the extent of coyote movements to higher elevations at this period of the year.

ELK. Park rangers covered the principal northern winter range areas during the last two weeks of April to determine the extent of natural losses suffered by the northern Yellowstone elk herd. The loss inside the park was estimated at 250 animals while the Forest Service reported 50 additional animals for areas north of the park boundary. The herd will contain approximately 9,200 elk at the end of the spring period. The winter loss may be considered as light to moderate.

Elk were distributed over the middle and upper parts of the winter range during April and the animals observed were in fair to good condition. Elk in the West Yellowstone District and some interior areas appeared to be in rather poor condition and losses of calves were quite high.

FISH CULTURE AND PLANTING. The Fish and Wildlife Service Hatchery at Bozeman, Montana, delivered 100,000 #1 Loch Leven fingerlings on April 21. These fish were planted in the Firehole River between Riverside Geyser and a point four miles below Old Faithful. This plant may aid in restoring the fish population of the Firehole River which was seriously depleted by the dumping of toxic cleaning compound from the Old Faithful swimming pool last summer.

Forest Fire Protection. Assistant Chief Rangers Finch and Chapman attended the Inter-Regional Fire Control Training Conference which was held at Grand Canyon National Park on April 4-8 inclusive. Considerable worthwhile information was gathered at the conference. Among the more important things learned was a more thorough appreciation of the fire problems of the other regions. Because each conferee at the meeting was talking in terms of the problems found in his own particular area it is felt that the need for a service-wide fire organization plan was proven. Small areas incapable of a complete fire organization of their own because of limited personnel must

rely on larger areas or cooperators for help in large fire emergencies. The only logical way to accomplish this is to have a definite fire organization plan for at least each region. This conference did a lot toward presenting a good picture of the fire control needs of the Service as a whole.

Applicants have been selected for all fire control aid positions and with one or two exceptions acceptances have been received for each job.

The "Record of Fire Overhead" was made up and reviewed by the Chief Ranger. This report is now ready for transmittal to the Regional Office.

Blister Rust Control. Four high pressure sprayers have been purchased and are now on hand for use at the beginning of the blister rust job this spring. Applicants have been selected for practically all blister rust control jobs.

Trails. Considerable time was spent by Assistant Chief Ranger Chapman with Landscape Architect Mattson making map revisions of trail locations, snowshoe cabin locations, names and other details. Difficulty is being experienced in securing a foreman and packer for trail work.

Building Fire Protection. Assistant Chief Ranger Finch, in charge of Building Fire Protection, was away from the park from April 1 to 11 to attend the Inter-Regional Fire Conference which was held at the Grand Canyon National Park. He reported a splendid meeting and an inspiration meeting the men from other regions and exchanging ideas. The ideas obtained during the half day devoted to Building Fires can be put to good use in our program.

One day of Building Fire training was given at the Ranger Conference on April 14. This instruction consisted of general plans and the importance of the building fire program; the new method of conducting building fire hazard inspections; first aid fire fighting appliances; the theory of building fire suppression; and practice with equipment. Assistant Chief Ranger Jay and District Ranger Nyquist gave an excellent demonstration of the use of the various types of extinguishers in use in Yellowstone, salvage methods and the use of fire tools and equipment.

The Annual Building Fire Hazard Inspection was completed in the Mammoth area. The hazards noted on the inspection sheets have been correlated and broken down into types of hazards and responsibilities. Notices are now being typed to send to everyone who is responsible for a particular hazard.

Quite a number of additional fire extinguishers were placed in the Mammoth area and thirteen additional ones are expected to be purchased and placed as soon as practical.

The Building Fire Protection Plan and Personnel Organization List for the Mammoth Area is being revised. It is hoped that these revisions can be completed in the near future so that systematic training of the various fire crews can be given.

Personnel. Harry V. Reynolds entered on duty as Park Ranger, CAF-5, effective 8:00 a.m. April 9, by transfer from Blue Ridge Parkway. He left Roanoke April 8.

The appointment of Foster R. Freeman to the position of Park Ranger, CAF-5 was approved April 13.

Seasonal employees entering on duty during the month included: Alice B. Murphy, Clerk-Stenographer, CAF-3, April 5; Lucinda Mae Bolt, Clerk-Stenographer, CAF-3, April 18; Iris E. Chase, Clerk-Stenographer, CAF-3, April 19; Isabel C. Nau, Clerk-Stenographer, CAF-3, April 21; Betty Jane Lauer, Clerk-Typist, CAF-3, April 25; Shirley L. Kumor, Stenographer-Comptometer Operator, CAF-3, April 25; and George Q. Wheeler, Storekeeper (General), CAF-3, April 25.

Births. A daughter, Diana Carol, was born to Mr. and Mrs. Donald Herne on April 26 at the Park Hospital in Livingston. Mrs. Herne is the daughter of Park Engineer Wohlbrandt.

Marriages. Agnes Wiggins and Edward Link were married at Big Timber, Montana on April 11. Mrs. Link is the daughter of Sanitation Officer Wiggins.

Miscellaneous. The regular monthly meeting of the National Federation of Federal Employees, No. 465 was held on April 4, followed by the showing of slides by Chief Ranger Skinner and Fiscal Accounting Clerk Fuller. On April 15 a dance was sponsored by the Federal Employees Union.

Easter Sunrise Services were held in the Chapel on April 17, with Rev. E. A. Syms, Episcopal Minister, Livingston, officiating. On the evening of April 4, Rev. Syms conducted services at the Chapel.

Edmund B. Rogers,
Superintendent.

cc: Region Two, in quintuple.
File (2)
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